

Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1-33. (Cancelled)

34. (Original) A state information detection and transmission apparatus comprising:

physiological information detecting means of detecting the physiological information of a human body;

transmitting means of transmitting said physiological information detected by said physiological information detecting means; and

a wearable personal information terminal having: receiving means of receiving said physiological information from said transmitting means; and sending means of sending said physiological information received by said receiving means or physiological information generated by signal processing of said physiological information, to a predetermined base station; wherein

(1) said transmitting means transmits said physiological information detected by said physiological information detecting means to said personal information terminal in every predetermined time interval, or

(2) said receiving means receives said physiological information from said transmitting means in every predetermined time interval, or

(3) said sending means sends said physiological information to said base station in every predetermined time interval.

35. (Original) A state information detection and transmission method comprising the steps of:

detecting the physiological information of a human body;

transmitting said detected physiological information; and

in a wearable personal information terminal: receiving said physiological information; and sending said received physiological information or physiological information generated by signal processing of said physiological information, to a predetermined base station; wherein

(1) said detected physiological information is transmitted to said personal information terminal in every predetermined time interval, or (2) said physiological information is received in every predetermined time interval, or (3) said physiological information is sent to said base station in every predetermined time interval.

36. (Original) A wearable personal information terminal having: receiving means of receiving physiological information from transmitting means of transmitting physiological information detected by physiological information detecting means of detecting the physiological information of a human body; and sending means of sending said physiological information received by said receiving means or physiological information generated by signal processing of said physiological information, to a predetermined base station; wherein

(1) said receiving means receives said physiological information from said transmitting means in every predetermined time interval, or

(2) said sending means sends said physiological information to said base station in every predetermined time interval.

37. (Original) A personal information processing method comprising the steps of:

receiving detected and transmitted physiological information of a human body, by a predetermined personal information terminal; and

sending said received physiological information or physiological information generated by signal processing of said physiological information, from said personal information terminal to a predetermined base station; wherein

(1) said physiological information is received in every predetermined time interval, or (2) said physiological information is sent to said base station in every predetermined time interval.

38. (Original) Transmitting means of transmitting physiological information detected by physiological information detecting means of detecting the physiological information of a human body, to a predetermined personal information terminal, wherein

said transmitting means transmits said physiological information detected by said physiological information detecting means to said personal information terminal in every predetermined time interval.

39. (Original) A transmitting method comprising the step of transmitting detected physiological information of a human body to a predetermined personal information terminal, wherein

said detected physiological information is transmitted to said personal information terminal in every predetermined time interval.

40. (Original) A state information detection and transmission apparatus comprising:

physiological information detecting means of detecting the physiological information of a human body;

transmitting means of transmitting said physiological information detected by said physiological information detecting means; and

a wearable personal information terminal having: receiving means of receiving said physiological information from said transmitting means; and sending means of sending said physiological information received by said receiving means or physiological information generated by signal processing of said physiological information, to a predetermined base station; wherein

(1) said transmitting means transmits said physiological information to said personal information terminal only when a substantial change occurs in the signal detected by said physiological information detecting means, or

(2) said sending means sends said physiological information to said base station only when a substantial change occurs in said physiological information received by said receiving means.

41. (Original) A state information detection and transmission method comprising the steps of:

detecting the physiological information of a human body;

transmitting said detected physiological information; and

in a wearable personal information terminal: receiving said physiological information; and sending said received physiological information or physiological information generated by signal processing of said physiological information, to a predetermined base station; wherein

(1) said physiological information is transmitted to said personal information terminal only when a substantial change occurs in said physiological information, or
(2) said physiological information is sent to said base station only when a substantial change occurs in said received physiological information.

42. (Original) A wearable personal information terminal having: receiving means of receiving physiological information from transmitting means of transmitting physiological information detected by physiological information detecting means of

detecting the physiological information of a human body; and sending means of sending said physiological information received by said receiving means or physiological information generated by signal processing of said physiological information, to a predetermined base station; wherein

said sending means sends said physiological information to said base station only when a substantial change occurs in said physiological information received by said receiving means.

43. (Original) A personal information processing method comprising the steps of:

receiving detected and transmitted physiological information of a human body, by a predetermined personal information terminal; and

sending said received physiological information or physiological information generated by signal processing of said physiological information, from said personal information terminal to a predetermined base station; wherein

said physiological information is sent to said base station only when a substantial change occurs in said received physiological information.

44. (Original) Transmitting means of transmitting physiological information detected by physiological information detecting means of detecting the physiological information of a human body, to a predetermined personal information terminal, wherein

said transmitting means transmits said physiological information to said personal information terminal only when a substantial change occurs in the signal detected by said physiological information detecting means.

45. (Original) A transmitting method comprising the step of transmitting detected physiological information of a human body to a predetermined personal information terminal, wherein

said physiological information is transmitted to said personal information terminal only when a substantial change occurs in said physiological information.

46. (Original) A state information detection and transmission apparatus according to Claims 34 or 40 wherein

said transmitting means is carried with said human body,

said transmitting means further comprises uncarry detecting means of detecting that said transmitting means becomes uncarried with said human body,

when said uncarry detecting means detects that said transmitting means becomes uncarried with said human body, said transmitting means transmits uncarry information indicating this situation to said personal information terminal, and

said personal information terminal sends said uncarry information to said base station.

47. (Original) A state information detection and transmission apparatus according to Claims 34 or 40 wherein

said personal information terminal further comprises uncarry detecting means of detecting that said personal information terminal becomes uncarried with said human body, and

when said uncarry detecting means detects that said personal information terminal becomes uncarried with said human body, said sending means sends uncarry information indicating this situation to said base station.

48-52.(Cancelled)

53. (Original) A state information detection and transmission apparatus comprising:

physiological information detecting means of detecting the physiological information of a human body;

transmitting means of transmitting said physiological information detected by said physiological information detecting means; and

a wearable personal information terminal having: receiving means of receiving said physiological information from said transmitting means; state detecting means of detecting all or part of the posture, action, and motion state of said human body; and sending means of sending all or part of state information composed of said physiological information received by said receiving means and the information detected by said state detecting means, or alternatively all or part of state information generated by signal processing of said state information, to a predetermined base station; wherein

said sending means sends said state information to said base station only when a substantial change occurs in at least a part of said physiological information received by said receiving means and said information detected by said state detecting means.

54. (Original) A state information detection and transmission method comprising the steps of:

detecting the physiological information of a human body;

transmitting said detected physiological information; and

in a wearable personal information terminal: receiving said physiological information; detecting all or part of the posture, action, and motion state of said human body; and sending all or part of state information composed of said received physiological information and said detected information, or alternatively all or part of state information generated by signal processing of said state information, to a predetermined base station; wherein

said state information is sent to said base station only when a substantial change occurs in at least a part of said received physiological information and said detected information.

55. (Original) A state information detection and transmission apparatus comprising:

physiological information detecting means of detecting the physiological information of a human body;

transmitting means of transmitting said physiological information detected by said physiological information detecting means; and

a wearable personal information terminal having: receiving means of receiving said physiological information from said transmitting means; state detecting means of detecting all or part of the posture, action, and motion state of said human body; and sending means of sending all or part of state information composed of said physiological information received by said receiving means and the information detected by said state detecting means, or alternatively all or part of state information generated by signal processing of said state information, to a predetermined base station; wherein

said receiving means receives said physiological information from said transmitting means only when a substantial change occurs in the signal detected by said state detecting means.

56. (Original) A state information detection and transmission method comprising the steps of:

detecting the physiological information of a human body;

transmitting said detected physiological information; and

in a wearable personal information terminal: receiving said physiological information; detecting all or part of the posture, action, and motion state of said human body; and sending all or part of state information composed of said received physiological information and said detected information, or alternatively all or part of state information generated by signal processing of said state information, to a predetermined base station; wherein

said physiological information is received only when a substantial change occurs in said detected signal.

57. (Currently Amended) A state information detection and transmission apparatus according to ~~Claim 55~~Claim 53 wherein

said transmitting means is carried with said human body,

further comprised is uncarry detecting means of detecting that said transmitting means becomes uncarried with said human body and/or that said personal information terminal becomes uncarried with said human body,

when said uncarry detecting means detects that said transmitting means and/or said personal information terminal become uncarried with said human body, said transmitting means and/or said sending means transmits and/or sends uncarry information indicating these situations.

58. (Original) A wearable personal information terminal having:

receiving means of receiving physiological information from transmitting means of transmitting physiological information detected by physiological information detecting means of detecting the physiological information of a human body;

state detecting means of detecting all or part of the posture, action, and motion state of said human body; and

sending means of sending all or part of state information composed of said physiological information received by said receiving means and the information detected by said state detecting means, or alternatively all or part of state information generated by signal processing of said state information, to a predetermined base station; wherein

said receiving means receives said physiological information from said transmitting means only when a substantial change occurs in the information detected by said state detecting means.

59. (Original) A personal information processing method comprising the steps of:

receiving detected and transmitted physiological information of a human body, by a predetermined personal information terminal;

detecting all or part of the posture, action, and motion state of said human body; and

sending all or part of state information composed of said received physiological information and said detected information, or alternatively all or part of state information generated by signal processing of said state information, from said personal information terminal to a predetermined base station; wherein

said physiological information is received only when a substantial change occurs in said detected information.

60. (Currently Amended) A personal information terminal according to any one of Claims 36, 42, 48, ~~50, 52~~, and 58 further comprising notifying means of notifying abnormality information by means of sound or color, when all or part of said detected physiological information or said detected state information falls within the range of predetermined abnormality information.

61. (Currently Amended) An alarm notifying system comprising at least: a personal information terminal according to any one of Claims 36, 42, ~~48, 50, 52, and 58, and 60~~; and a base station for receiving physiological information or state information from said personal information terminal by wireless; wherein

said personal information terminal comprises an alarm button to be arbitrarily pushed by a human body in order to notify an abnormality, and

said alarm notifying system further comprises notifying means of notifying, by means of sound or color, abnormality information indicating the abnormality when said alarm button is pushed.

62. (Currently Amended) An alarm notifying system comprising at least: a personal information terminal according to any one of Claims 36, 42, ~~48, 50, 52, and 58, and 60~~; and a base station for receiving physiological information or state information from said personal information terminal by wireless; wherein

said personal information terminal comprises an alarm button to be arbitrarily pushed by a human body in order to notify an abnormality, and

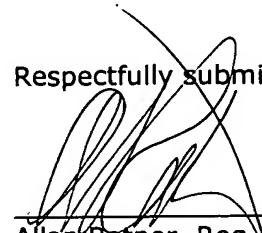
when said alarm button is pushed, abnormality information indicating the abnormality is sent from said personal information terminal to said base station.

63. (Currently Amended) A personal characteristics information acquisition system comprising: a personal information terminal according to any one of Claims 36, 42, ~~48, 50, 52, and 58, and 60~~; a base station for receiving physiological information or state information from said personal information terminal by wireless; and personal characteristics information calculating means of obtaining the personal characteristics information of a human body on the basis of said physiological information or said state information received by said base station.

64-82. (Cancelled)

83. (New) A state information detection and transmission apparatus according to Claim 53 wherein said transmitting means transmits said physiological information in every predetermined time interval.

Respectfully submitted,


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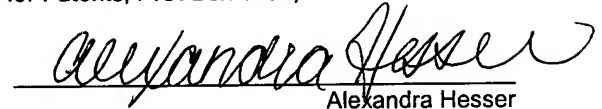
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